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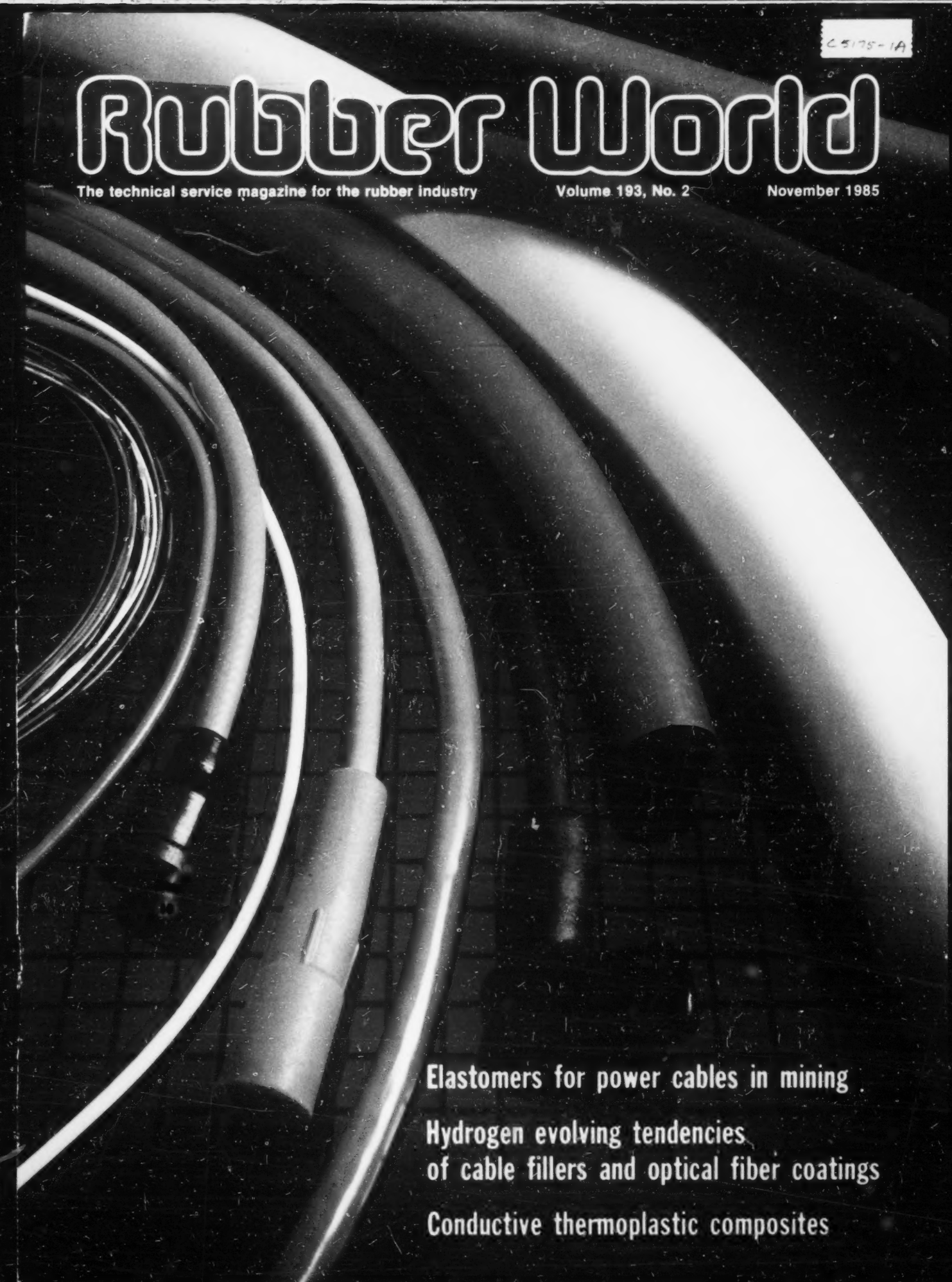
Rubber World

The technical service magazine for the rubber industry

Volume 193, No. 2 November 1985



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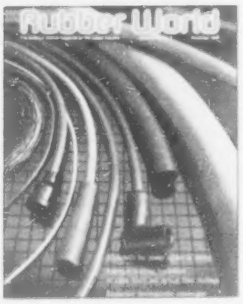

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Cover

Cover photo courtesy of PPG Silica Division.

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Business Briefs

Acquisitions, expansions

Dunlop Tire has increased production of light truck radial tires at its Buffalo, NY facility by 25% with ongoing expansion that will affect a total increase of 65% in the plants output of these tires by the end of the year.

Kelly-Springfield Tire's Freeport, IL plant will spend $8 million on modernizing and installing production equipment for radial and bias rear farm tires. The project is to be completed in 1987.

Polysar has started pilot plant production of thermal oil resistant rubbers to be marketed under the trade name Tornac in Sarnia, Ontario.

Cancarb Ltd. opened its $11.5 million plant expansion at Medicine Hat, Alberta boosting production by 50% for its medium thermal carbon black.

STATEMENT OF OWNERSHIP MANAGEMENT AND CIRCULATION

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1. Sales through dealers and carriers, street vendors and counter sales	None	None
2. Mail subscriptions	6,884	6,753
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D. Free distribution by mail, carrier or other means. Samples, complimentary, and other free copies	4,465	4,260
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I certify that the statements made by me above are correct and complete.

Job H. Lippincott
Publisher

Hamilton Mold & Machine, Cleveland, OH has started production of liquid silicone injection molded parts. HM&M previously designed and manufactured the molds.

McCreary Industrial Products has started manufacturing tire-curing bladders at its new facility in Piney Flats, TN.

Midwest Elastomers' de-bottlenecking program at its Wapakoneta, OH cryogenic grinding facility has increased production capacity by over 30%.

Diamond Shamrock Chemicals has agreed to acquire **BFGoodrich's** chlor-alkali and ethylene dichloride facilities in Convent, LA.

Lonza, Inc., Fair Lawn, NJ, has agreed to acquire **Glyco, Inc.** a specialty chemical producer headquartered in Norwalk, CT with plants in Painesville, OH and Williamsport, PA.

The General Polymers Division of **Ashland Chemical** established a thermoplastic distribution district in Portland, OR.

RDN Manufacturing moved to a new facility in Wood Dale, IL doubling production capacity for its extrusion equipment.

Flexible Technologies was one of three Penn Central Corp. units sold to an investor group and executive management of the three companies.

Manville Corp. is relocating its industrial sealing components manufacturing operation to Nacogdoches, TX to a 204,000 sq. ft., three-building, facility.

Thermal Scientific, U.K. completed its acquisition of **Killion Extruders**, Verona, NJ.

Rubbermaid Inc. has acquired **Gott Corp.**, Winfield, KS a manufacturer of insulated coolers, chests and jugs.

Essex Chemical opened its Technical Service Laboratory in Troy, MI to specialize in urethane based sealants, primers, adhesives and coatings aimed primarily at the automotive industry.

Indian Petrochemicals Corp. Ltd. has become the 47th

RMA tire shipments & production report through August 1985 (figures in thousands of units)

Passenger Tires	1985	1984	% Change
Shipments:			
Original Equipment	37,037	34,311	+7.94
Radial	30,839	28,641	+7.67
Replacement	92,141	96,681	−4.70
Radial	73,870	72,343	+2.11
Export	3,438	4,042	−14.94
Radial	2,727	3,000	−9.10
Total	132,616	135,034	−1.79
Radial	107,436	103,984	+3.32
Production	110,397	116,222	−5.01
Radial	87,611	87,250	+0.64
Truck & Bus Tires			
Shipments:			
Original Equipment	5,210	5,269	−1.12
Radial	3,259	2,713	+20.13
Replacement	20,806	20,814	−0.04
Radial	8,842	7,185	+23.06
Export	892	882	+1.13
Radial	461	418	+10.29
Total	26,908	26,965	−0.21
Radial	12,562	10,316	+21.77
Production	23,073	24,356	−5.27
Radial	10,150	9,353	+8.52

Business Briefs

member company of the International Institute of Synthetic Rubber Producers.

Independent Machine Co. has moved to a facility in Fairfield, NJ, doubling the space for its capital equipment.

Nalco Chemical completed its acquisition of **Day-Glo Color**, Cleveland, OH for approximately $40 million.

Cresta Technology, a United Kingdom based producer of polymer filtration equipment has opened a branch office in Lambertville, NJ.

Petroleum Specialties International, Lyndhurst, NJ purchased the **Chesebrough-Pond** white oil and petrolatum plant in Perth Amboy, NJ for $8 million.

Thunderline Corp. opened its new 26,000 sq. ft. combined administrative offices and silicone manufacturing plant in Belleville, MI.

Jones & Vining acquired the operating assets of **Formtex, Inc.**, Warwick, RI, a privately owned producer of polyurethane products, including unit soles for the shoe industry.

RMA rubber report through July 1985 (figures in metric tons)

	Cumulative 1985	Cumulative 1984	% Change 85 vs 84
New Rubber			
New rubber available	1,784,921	1,883,207	−5.22
Imports	658,307	626,128	5.31
Exports	206,848	221,964	−6.81
Apparent Consumption	1,544,909	1,624,316	−4.27
Natural Rubber			
Imports	495,874	483,429	2.57
Exports	23,707	15,990	48.26
Apparent Consumption	470,554	463,223	1.58
% Total new rubber	30.26	28.51	
Synthetic Rubber			
Production	1,126,614	1,258,079	−10.45
Imports	162,433	141,699	14.63
Exports	193,141	205,974	−11.09
Apparent Consumption	1,084,355	1,161,092	−6.61
% Total new rubber	69.73	71.48	
SBR			
Production	484,627	572,486	−15.35
Imports	56,579	43,544	29.94
Exports	47,674	63,951	−25.45
Apparent Consumption	499,000	531,240	−6.07
Nitrile			
Production	34,870	38,650	−9.79
Imports	7,056	6,316	11.72
Exports	3,346	4,769	−17.26
Apparent Consumption	36,144	39,417	−8.30
Polybutadiene			
Production	209,667	217,177	−3.46
Imports	41,509	39,702	4.55
Exports	14,288	13,635	4.80
Apparent Consumption	225,756	239,766	−5.84
Ethylene-Propylene			
Production	134,146	131,423	2.07
Imports	560	650	−13.85
Exports	20,803	20,905	−.49
Apparent Consumption	108,516	102,672	5.69
Butyl, Polychloroprene, Polyisoprene, Silicone and other Synthetic Elastomers			
Production	263,282	298,339	−11.75
Imports	58,727	50,887	11.48
Exports	98,420	102,714	−6.13
Apparent Consumption	214,939	247,997	−13.33

Contracts, licenses

National-Standard, Niles, MI is the exclusive North American sales agent for tire production machinery made by **Herbert Maschinen und Anlagen GmbH** of West Germany.

Wabash Metal Products through an agreement with the Stokes Division of **Pennwalt Corp.**, will produce and market the Model 741 automatic compression molding press.

Fairmount Chemical, Newark, NJ through an agreement with **Phoenix Chemical Co.** has exclusive rights to market in the U.S. polymer additives which were developed by Adeka Argus Chemical, Tokyo, Japan.

Petroflex Industrial E Comercioa S/A appointed **Internor Trade**, Houston, TX at its North American agent for its synthetic rubber, latex and styrene.

Pioneer Asphalt Corp., Lawrenceville, IL named **Harwick Chemical Corp.**, Akron, OH to handle exclusive sales and marketing of its mineral rubber, a processing aid and extender, to the U.S. rubber industry.

Battelle has been chosen by the National Aeronautics and Space Administration to establish a center for conducting advanced materials research necessary for the commercial development of space.

Resinall Corp., Stamford, CT has expanded the **T.H. Hilson Co.** territory to include Minnesota for its hydrocarbon and rosin based resins.

Financial statements

Blasius Industries reported first quarter earnings of $193,000 on sales of $10 million.

Carlisle Corp. reported third quarter net earnings were $6.9 million on sales of $122.9 million.

Cooper Tire & Rubber had third quarter sales of $144.4 million and net income of $5 million.

Eagle-Picher reported operating earnings for the third quarter of $14.7 million on sales of $150.8 million.

GenCorp's third quarter net income totaled $33.7 million on sales of $752 million.

Lydall, Inc. reported third quarter sales of $24.6 million and earnings of $580,000.

Myers Industries reported third quarter net sales of $21 million and income of $929,659.

Markets, news

U.S. tire manufacturing capacity was trimmed by announcements from **Firestone, BFGoodrich** and **Armstrong** that they intend to close some plants. Firestone is closing its passenger tire plant in Albany, GA and terminating production of passenger and truck tires in Des Moines, IA, where it plans to consolidate agricultural tire production. BFG said it would close its Oaks, PA tire manufacturing plant in April, 1986 and in February will shut down its Miami, OK plant, ending its production and marketing of farm equipment tires, off the-road vehicle tires and radial heavy-duty truck tires. Goodrich also announced it was selling most of its tire stores to a corpora-

Business Briefs

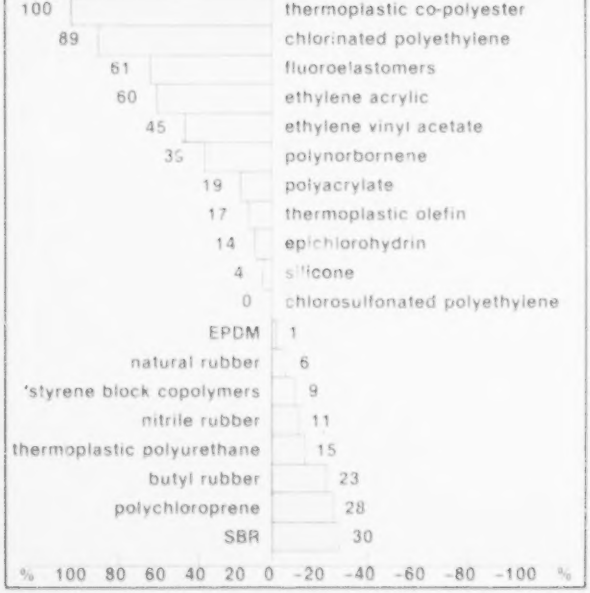
tion headed by James Berlin, currently group vice president administration, Tire Group. Armstrong said it was going to close its Hanford, CA plant in April 1986. That plant manufactures passenger radial and light truck radial tires for the replacement market.

A study by **Gabris International** sees consumption of non-tire automotive elastomers remaining constant through 1990 for the United States and western Europe. The study defines consumption at approximately 615 million pounds in 1983 with little change expected for the end of the decade. The changes will occur in market share increases pegged for thermoplastic co-polyesters (100%), chlorinated polyethylene (89%), fluoroelastomers (61%) and ethylene acrylics (60%) and decreases slated in market share for SBR (30%), polychloroprene (28%), butyl (23%) and thermoplastic polyurethane (15%). The study finds that changes in non-tire elastomer consumption are directly related to several major design and engineering trends related to increased performance, improved efficiency and upgraded quality.

ASTM committee D-24 on carbon black has given approval to the use of Industry Reference Black (IRB) 6 as a replacement for IRB 5. All users of IRB 5 are encouraged to switch to IRB as soon as possible. All carbon black producers plan to report all rubber data versus IRB 6 on or before Jan. 1, 1986. IRB 6 is produced by J.M. Huber. A task group of ASTM subcommittee D24.41 on carbon black nomenclature and terminology is currently gathering rubber data versus IRB 5 from all producers for all current grades of carbon black. This data will be averaged and used for adjusting to IRB 6 typical values, and then incorporated into table 1 of ASTM standard D 1765, classification system for carbon blacks used in rubber products. This data will be made available for ballot and approval by ASTM in early fall.

Automotive elastomers — U.S. & Western Europe 1983-1990 percent growth/decline

Source: Gabris International



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